

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the Application.

Claims 1-42. (Cancelled).

Claim 43. (Previously presented) A communication network operating to support voice and data communication within a premises, said communication network comprising:

- a plurality of mobile network devices comprising a buffer that stores incoming digital voice information for a predetermined queuing period before beginning voice reproduction from the stored digital voice information;

- a stationary network device;

- a wireless network that is used by each of said plurality of mobile network devices to selectively exchange voice and data packets with others of the plurality of mobile network devices;

- a hardwired network connected to both said stationary network device and said wireless network;

- said hardwired network being used to route voice and data packets between said stationary network device and said plurality of mobile network devices which participate via said wireless network;

- a telephone, connected to said stationary network device, that captures, delivers, receives and reproduces voice in an analog voice stream form;

- said stationary network device comprising a buffer that stores digital voice information received from said wireless network for a predetermined queuing period before converting the stored digital voice information into an analog voice stream and delivering the analog voice stream to said telephone, wherein the predetermined queuing period is determined through examining delays found in test signal routing; and

said stationary network device converts analog voice streams received from said telephone into voice packets for delivery via said hardwired and wireless networks to a selected one of said plurality of mobile network devices.

Claim 44. (Previously presented) The communication network of claim 43 wherein said stationary network device is a computer.

Claim 45. (Currently amended) The communication network of claim 43 wherein said wireless network utilizes a polling protocol ~~and spanning-tree routing~~.

Claim 46. (Previously presented) The communication network of claim 43 wherein said stationary network device provides call setup assistance for said telephone.

Claim 47. (Previously presented) The communication network of claim 43 further comprising:

a telephone switching network connected to said stationary network device; and

said stationary network device selectively routes analog voice streams received from said telephone onto said telephone switching network, and said stationary network device selectively routes analog voice streams received from said telephone switching network to said telephone.

Claim 48. (Previously presented) At least one circuit for use in a mobile communication device for use in a communication network, the communication network operating to support voice and data communication and having at least a stationary network device communicatively coupled to a telephone, a wireless network operable to exchange voice and data packets with a plurality of mobile communication devices, and a hardwired network communicatively coupled to the stationary network device and the wireless network and operable to route voice and data packets between the stationary network device and the plurality of mobile communication devices via at least the wireless network, the at least one circuit operational to, at least:

selectively exchange voice and data packets with other mobile communication devices via at least the wireless network;

transmit digital voice information to the stationary network device through at least the wireless and hardwired networks, the transmitted digital voice information for buffering by the stationary network device for a predetermined queuing period before conversion to an analog voice stream and deliverance to the telephone, where the predetermined queuing period is determined through examining delays found in test signal routing;

receive digital voice information from the stationary network device through at least the hardwired and wireless networks, the received digital voice information converted by the stationary network device from an analog voice stream received from the telephone into voice packets for delivery to the mobile communication device; and

store the received digital voice information in a buffer for a predetermined queuing period before beginning voice reproduction from the stored received digital voice information.

Claim 49. (Previously presented) The at least one circuit of claim 48, where the stationary network device is a computer.

Claim 50. (Currently amended) The at least one circuit of claim 48, where the wireless network utilizes a polling protocol ~~and spanning tree routing~~.

Claim 51. (Previously presented) The at least one circuit of claim 48, where the stationary network device provides call setup assistance for the telephone.

Claim 52. (Previously presented) The at least one circuit of claim 48, where the communication network further has at least a telephone switching network communicatively coupled to the stationary network device, the stationary network device selectively routes analog voice streams received from the telephone onto the

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telephone switching network, and the stationary network device selectively routes analog voice streams received from the telephone switching network to the telephone.

Claims 53-59. (Cancelled).